

## 12. REFLECTION AND REFRACTION

Q. No	Question	Marks
<b>Multiple Choice Question</b>		
Q.35	Which of the following characteristics of a spherical mirror is given by the ratio of the size of the image to the size of the object? A. aperture B. magnification C. focal length D. radius of curvature	1
Q.36	Which of the following does the negative sign in the power -3D signify? A. The focus is on the same side of the lens as the object. B. The focus is on the opposite side of the lens as the object. C. The principal focus is situated outside the principal axis. D. The focal length on one side of the lens is smaller than that on the other.	1
Q.37	Which among the two lenses with power- 3D AND 4D respectively can form a real image? A. only the lens with power -3 D B. only the lens with power 4 D C. both the lenses D. neither of the lenses	1

### Answer Key & Marking

Q.No	Answers	Marks
Q.35	B. magnification	1
Q.36	A. The focus is on the same side of the lens as the object.	1
Q.37	B. only the lens with power 4 D	1